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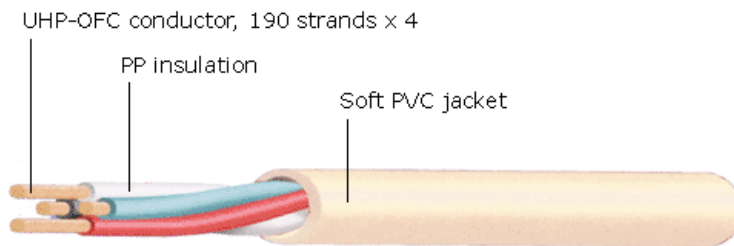
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## CS4.2+ Biwire Loudspeaker Cable

SHARE Superior Cable Match Table

The Ecosse CS4.2+ BIWIRE speaker cable sets a new standard in the sub £10.00/m cable stakes.

Here our delicate stranded conductors are sheathed in a substantial low-loss dielectric polypropylene insulation and



carefully bound in a concentric and tight lay, then twisted. Twisting of the conductors is necessary to overcome the so called 'proximity effect' that naturally occurs when 2 conductors are close to each other and can affect the frequency response of the audio signal, specifically increases at the low frequency (bass) end.

Concentric Lay Stranded conductors involve multiple layers of wire laid out uniformly in a longitudinal direction with adjacent strands laid in opposite directions. These strands form a perfect circle, which stabilise the characteristic impedance, through the length of the cable, resulting in superior sound quality.

With 'rope-lay' construction the wire is pleated allowing a large X-section of cable. This is vital as large X-sections (+2.00sq mm) provide a low DC resistance for the transmission of low frequency (bass) information, (together with extended stereo width, height and depth) and a greater surface area for the transmission of high frequency signals.

A loudspeaker consists of two drive units. - a high-frequency (HF) unit (tweeter), and a low frequency (LF) unit (woofer) they employ a "cross-over network" to direct low signal frequencies to the woofer, and high frequencies to the tweeter. This set up enables the loudspeaker to be bi-wired.

In a biwire configuration 2 pairs of speaker cables are employed in order to ensure that the signals for the tweeter and woofer are sent by separate routes. Here, the cables feeding the higher frequencies (H.F) are not affected by electromagnetic interference from the low frequency signals (L.F.), which are carried in separate conductors.

### Biwiring Advantages

Using a [biwiring configuration](#) the net effect is a reduction in impedance seen by the amplifier; load is reduced and frequency response increased. The upshot of which is a genuine extension of soundstage and dynamics. [More information on biwiring can be found here.](#)

With the CS4.2+ biwire cable, 190 stands of five nines (5N) purity have been added to the 4 conductors ensuring even greater detail and clarity of a standard single-wire set-up. All four conductors are contained within a discreet and flexible single sheath for infinite ease of use. These four conductors are each precision-weave multi-strand UHP-OFC™ conductors.

This cable clearly outperforms similar priced cables and we believe offers unprecedented value for



### Reviews & Testimonials

"...a great deal of detail... a rocker's cable"

What HI-FI? Sound and Vision Magazine, UK

money, particularly when used in inexpensive installations.

May be configured 2-to-4 or 4-to-4 and terminated in z/x copper bananas or spades.

[➔ Order here](#)

## Technical Specifications

- UHP-OFC™ multi-stranded conductors
- Superior low-loss Polypropylene dielectric
- Rope-lay weave twisted pair configuration
- 2.8mm sq x-section

[➔ Order here](#)

We cannot stress enough that significant improvements are possible from matching mains cable, loudSpeaker and interconnect cable-grade-wise (see our 'at-a-glance' Cable Match Table) throughout your system, thus enhancing synergy.

# ECOSSE

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